



March 9, 2017

Maryam Babaki, PE, Director
Public Works & Development Services Department/City of Commerce
2535 Commerce Way
Commerce, CA 90040

Subject: TASK ORDER SCOPE AND BUDGET ESTIMATE
DESIGN SERVICES
FY 2017/18 PAVEMENT REHABILITATION PROJECT

Dear Ms. Babaki:

As requested, and per current On-Call Services Contract, we are submitting this Task Order Scope and Budget Estimate to provide design services for FY 2017/18 Pavement Rehabilitation Project.

Scope of Work:

The design phase of the project includes engineering design and geotechnical services/pavement report (*geotechnical services/pavement report to be prepared by a separate geotechnical consultant on City's on-call list under separate contract with City*) to develop a set of construction bid documents for the Proposed Project streets listed below:

1. Ferguson Avenue (Atlantic Bl to East City Limit, including cul-de-sac streets on the south side)
2. Garfield Avenue (North City Limit to Telegraph Road)

Note: There are other Federally Funded projects along Garfield Avenue:

A. Garfield and Slauson Intersection Improvements, Federal Fund DEMOSTL, FTIP#LA00G306, Federal Funding Amount \$475,000

B. Garfield Avenue Pavement and ADA Improvements, Federal Funded DEMOSTL, FTIP#LA0G807, Federal Funding Amount \$499,915)

Because of Federal Funding requirements, Caltrans requires that the City goes thru what is referred to as E-76 authorization process for construction. Getting E-76 authorization for construction for these federally funded projects will take approximately 9 months, which includes design, environmental process and approval, Caltrans PSE review, and final E-76 issuance for obligation of federal funds to proceed with construction.

The design phase of the PMS project will review the above streets and establish final rehabilitation criteria to be implemented. The work will also include a geotechnical analysis including pavement sampling to recommend various options for rehabilitation based on existing conditions and available budget of \$2,500,000 for the project.

Based on industry ranges, the estimated total project budget for the Proposed Project Streets is \$3,500,000. However, based on recent costs achieved on the last Pavement Rehab Project, the total cost may be lower. After engineering design and costs analysis, staff will present the final limits that can be rehabilitated within the available budget, and if necessary, additional funding can be added at that time at City Council discretion.

It should be noted that the final design may differ from the recommendations included in the PMS. The PMS is used as a planning tool and is not a final engineering design document. The final design will be based on engineering judgment, field conditions, technical reports, coordination with other projects, and other various factors. Ultimately, the design will reflect a street rehabilitation program which fits the budget and the needs of the City.

Various task items involved in the scope of work include:

- Field and engineering review of candidate streets.
- Development of rehab criteria.
- Development of preliminary cost estimates.
- Prioritization of streets based on available budget.
- Preliminary design report presenting recommendations for City's review and approval.
- Based on approved list and budget, preparation of:
 - Plans (Title sheet, details, plan sheets, standards, etc.)
 - Cost estimates
 - Specifications

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2017 STREET REHAB DESIGN

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- Bid documents

The design will include only the selected street (not all of the streets) listed in the table above, after initial review and budget development to stay within the available budget amount. Street rehab will involve AC Pavement areas only. Subject to budget availability, some damaged PCC panels may be replaced.

- Preparation of CC staff report for Notice Inviting Bids.
- Providing bid advertisement support.
- Responding to bidders' questions, issuing addenda as necessary.
- Assistance in bid opening.
- Conducting bid analysis.
- Preparation of CC staff report for contract award to lowest responsible bidder.

Note: Geotechnical services/pavement report to be prepared by a separate geotechnical consultant on City's on-call list under separate contract with City

Budget:

Transtech will provide the above design services on an hourly basis at a not-to-exceed budget of \$175,000, per the existing On-Call General Civil Engineer Services Contract, dated February 2, 2016, which represents approximately 7% for the design services based on \$2,500,000 project budget

If you have any questions or need additional information, please contact the undersigned.

Sincerely,



Ali Cayir, PE, Principal

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